

# Welcome to the 2020 Online HYSPLIT Workshop (DAY 1 of 4)

The broadcast is scheduled to start at:  
08:30 Eastern Daylight Time (EDT) = 12:30 UTC

NOAA Air Resources Laboratory  
June 22-25, 2020

Welcome from

**Dr. Ariel Stein**

Deputy Director

NOAA Air Resources  
Laboratory



- ☐ Agenda
- ☐ Go-to-Webinar Interface
- ☐ Asking Questions
- ☐ Screen considerations
- ☐ Recordings
- ☐ Virtual Posters
- ☐ ... And then, on to the course!

**Workshop guidance  
and resources posted at  
[Workshop Web Page](https://www.ready.noaa.gov/register/HYSPLIT_hyagenda.php)**

**`https://www.ready.noaa.gov/  
register/HYSPLIT_hyagenda.php`**

# Agenda – Day 1

UTC	EDT	Agenda Item
12:30 – 12:45	08:30 – 08:45	Introduction and logistics
12:45 – 13:30	08:45 – 09:30	1. Installing HYSPLIT
13:30 – 14:15	09:30 – 10:15	2. Testing the installation
14:15 – 14:30	10:15 – 10:30	Break
14:30 – 15:15	10:30 – 11:15	3. Gridded meteorological data sets
15:15 – 16:00	11:15 – 12:00	4. Trajectory calculations
16:00 – 17:00	12:00 – 13:00	Break
17:00 – 17:45	13:00 – 13:45	4. Trajectory calculations (continued)
17:45 – 19:00	13:45 – 15:00	5. Trajectory options
19:00 – 19:15	15:00 – 15:15	Break
19:15 – 20:20	15:15 – 16:20	6. Trajectory statistics
20:20 – 20:30	16:20 – 16:30	First day wrap-up / questions

Note: all times are approximate

# Agenda – Day 2

UTC	EDT	Agenda Item
12:30 – 12:45	08:30 – 08:45	Comments / questions from previous day
12:45 – 14:15	08:45 – 10:15	7. Air Concentration Calculations
14:15 – 14:30	10:15 – 10:30	Break
14:30 – 15:30	10:30 – 11:30	8. Configuring the CAPTEX simulation
15:30 – 16:30	11:30 – 12:30	Break
16:30 – 17:00	12:30 – 13:00	8. Configuring the CAPTEX simulation (continued)
17:00 – 18:30	13:00 – 14:30	9. Air Concentration Parameter Sensitivity
18:30 – 18:45	14:30 – 14:45	Break
18:45 – 19:30	14:45 – 15:30	10. Alternate Display Options
19:30 – 20:20	15:30 – 16:20	11. Pollutant Transformations and deposition <i>(start this section if time permits)</i>
20:20 – 20:30	16:20 – 16:30	Second day wrap-up / questions

Note: all times are approximate

# Agenda – Day 3

UTC	EDT	Agenda Item
12:30 – 12:45	08:30 – 08:45	Comments / questions from previous day
12:45 – 14:15	08:45 – 10:15	11. Pollutant Transformations and deposition
14:15 – 14:30	10:15 – 10:30	Break
14:30 – 16:00	10:30 – 12:00	12. Air Concentration Uncertainty
16:00 – 17:00	12:00 – 13:00	Break
17:00 – 19:00	13:00 – 15:00	13. Source Attribution Methods
19:00 – 19:15	15:00 – 15:15	Break
19:15 – 20:20	15:15 – 16:20	14. Wildfire Smoke and Dust Storms
20:20 – 20:30	16:20 – 16:30	Third day wrap-up / questions

Note: all times are approximate

# Agenda – Day 4

UTC	EDT	Agenda Item
12:30 – 12:45	08:30 – 08:45	Comments / questions from previous day
12:45 – 14:05	08:45 – 10:05	15. Radioactive Pollutants and Dose
14:05 – 14:15	10:05 – 10:15	<b>** Special Presentation:</b> <i>An overview of the HySPLIT applications from NCSR Demokritos.</i> Athanasios Sfetsos, NCSR Demokritos, Greece
14:15 – 14:30	10:15 – 10:30	Break
14:30 – 16:00	10:30 – 12:00	16. Volcanic Eruptions with Gravitational Settling
16:00 – 17:00	12:00 – 13:00	Break
17:00 – 18:00	13:00 – 14:00	17. Custom Simulations (Chris Loughner, NOAA ARL, will present section 17.5)
18:00 – 19:00	14:00 – 15:00	<b>** Special Presentation:</b> <i>STILT Demonstration</i> Derek Mallia, University of Utah, United States
19:00 – 19:15	15:00 – 15:15	Break
19:15 – 20:30	15:15 – 16:30	Final wrap-up / questions

Note: all times are approximate



## Using the Go-to-Webinar Interface

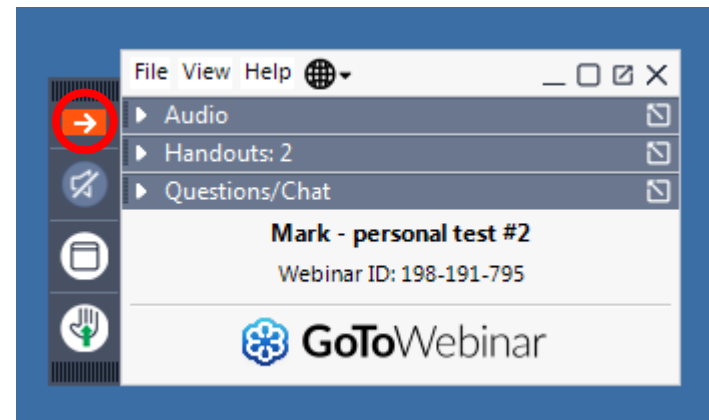
*...relevant if you are live-streaming the Workshop, but not if you are just viewing a recording...*

# Using the Go-to-Webinar Interface



**Click the red  
arrow to toggle  
between hidden  
and not-hidden**

If the Go-to-Webinar  
Control Panel is  
hidden (minimized) it  
will look like this

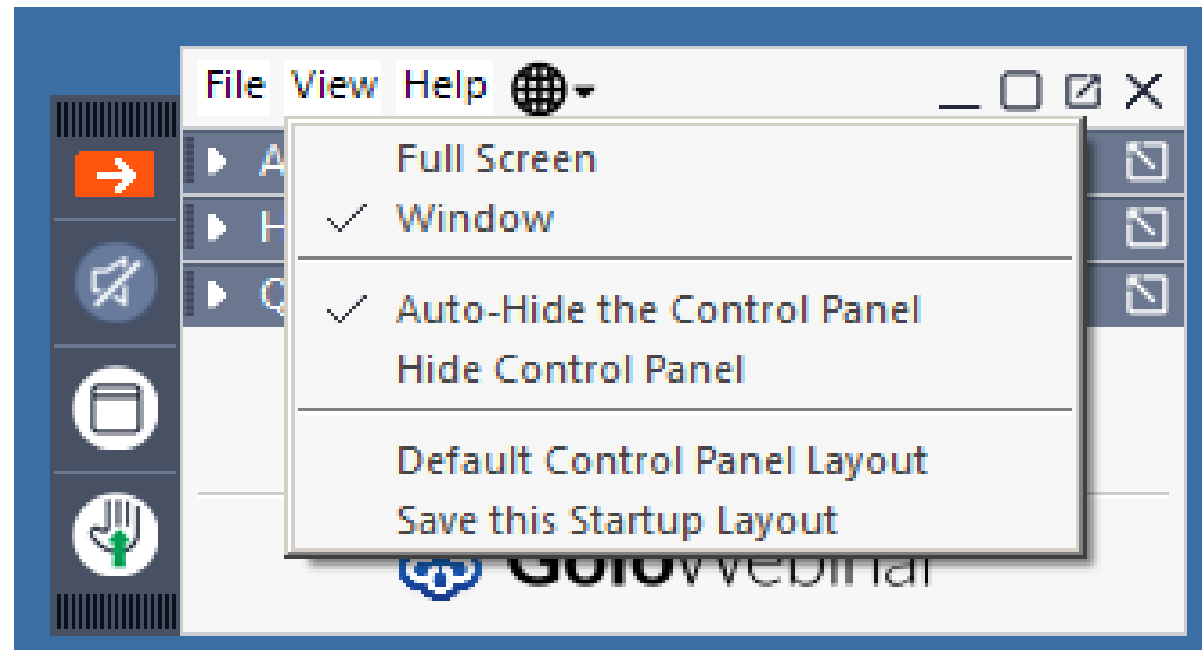


If not hidden, the Go-  
to-Webinar Control  
Panel will look  
something like this

# Using the Go-to-Webinar Interface

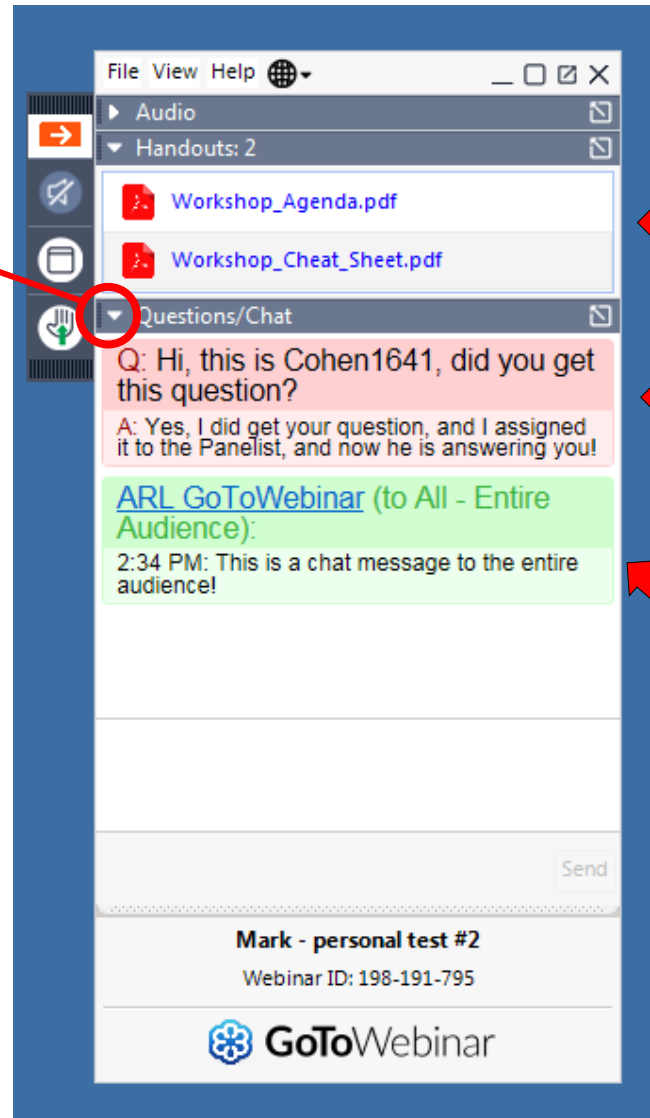
Use the View drop-down menu, for example:

- ✓ to autohide control panel or not
- ✓ to restore the basic default layout if something disappears



# Using the Go-to-Webinar Interface

By toggling the little triangle by each Control Panel section, you can expand it or contract it

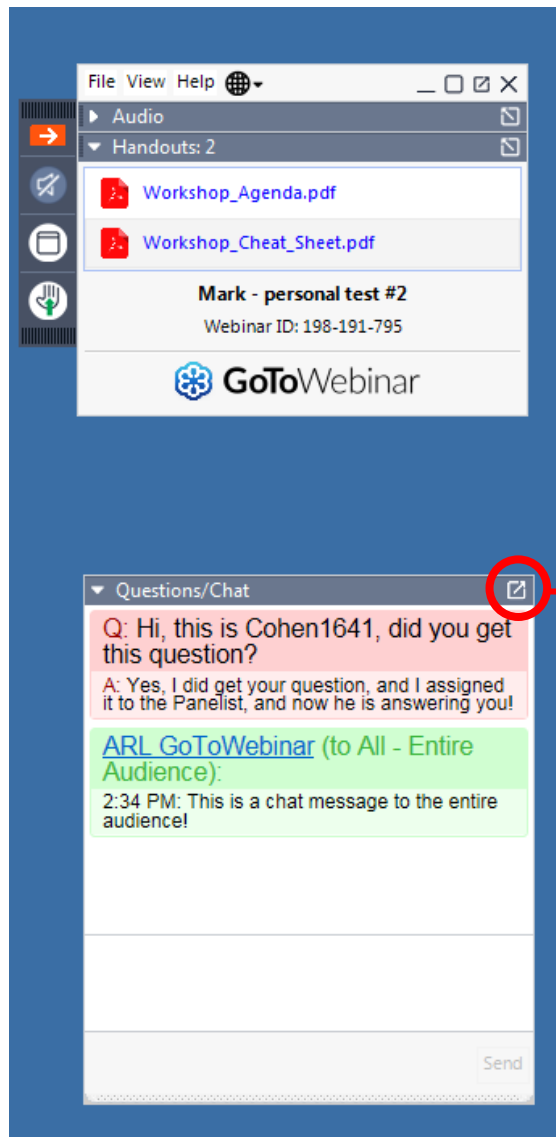


We will put important handouts in this section

When you ask questions of the staff, your questions and answers will be shown in this section

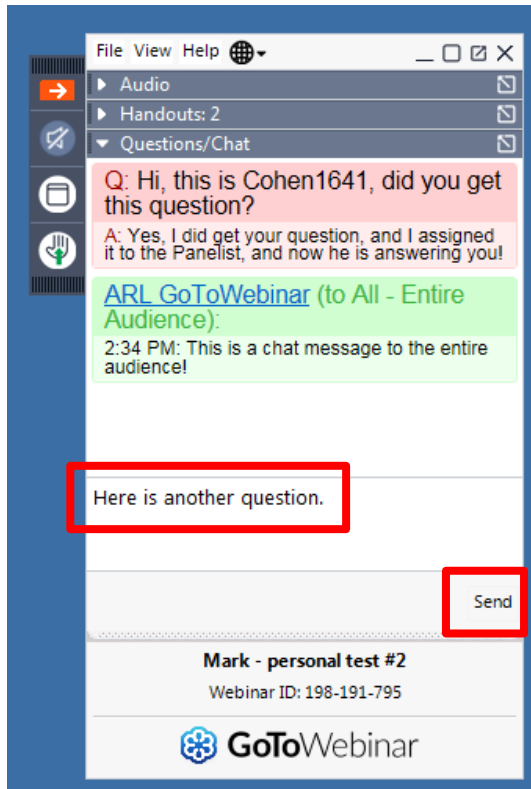
Or when the staff sends the audience a message, you will also see it here

# Using the Go-to-Webinar Interface

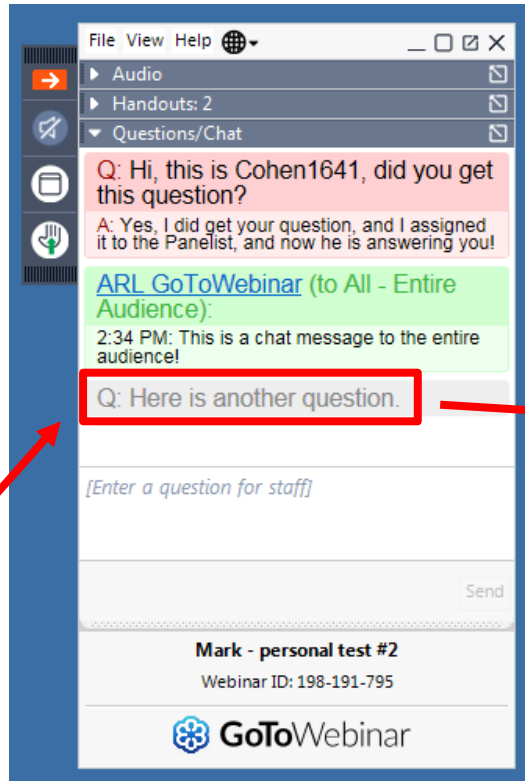


By toggling the little box in the upper right-hand corner of a given section, you can undock it or redock it

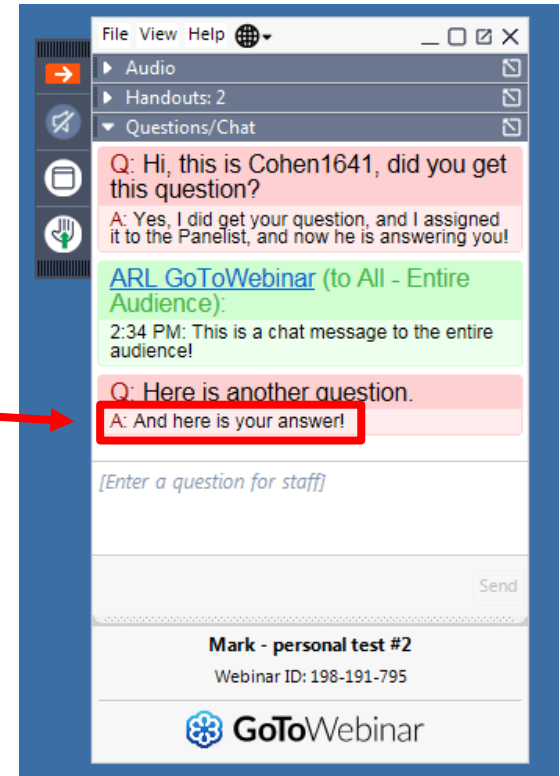
# Using the Go-to-Webinar Interface



To ask a question, you type in the empty box, and then hit “send”



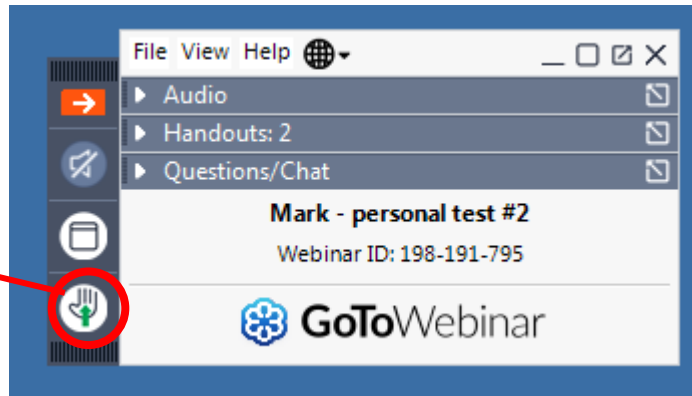
The question you asked should then show up in *your* Control Panel



When we answer it, the answer will show up in *your* Control Panel

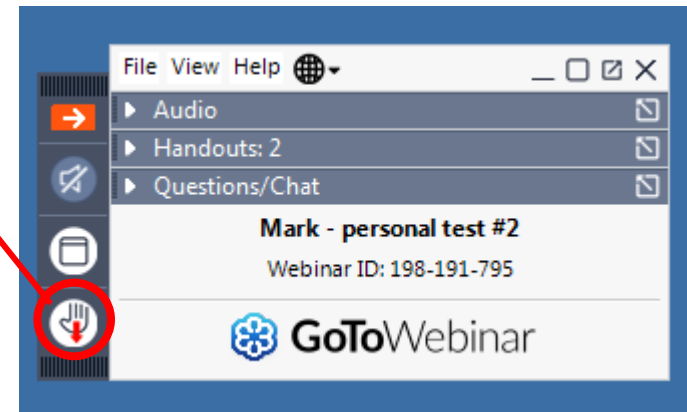
# Using the Go-to-Webinar Interface

Sometimes we will ask for a show of hands on a particular question. You click the little hand icon to raise your hand



To lower your hand, you click again on the same icon.

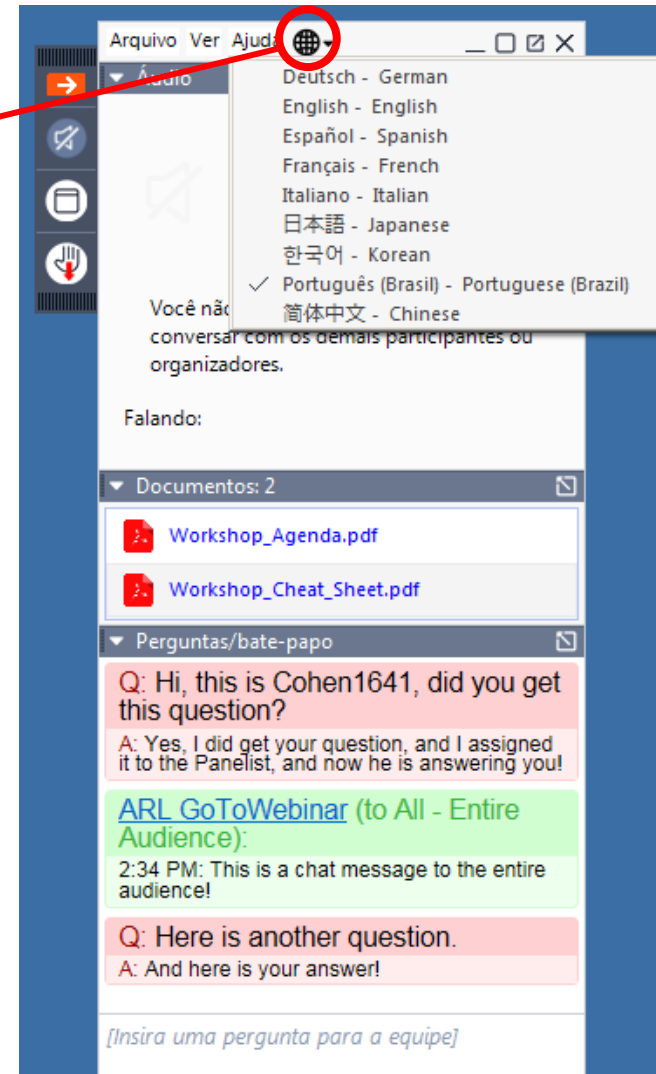
*Normally, after we get the answers, we will automatically lower everyone's hand*



*You are in listen-only mode, so you don't raise your hand to ask a question.*

# Using the Go-to-Webinar Interface

You can click on the “globe” icon to change the language of the Control Panel. Although Questions and Answers will be in English



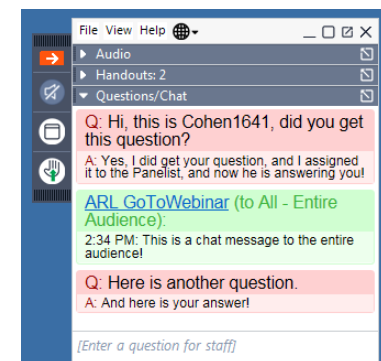


# Asking Questions

# Asking Questions

- Ask general questions about the Webinar or Go-to-Webinar in the Control Panel that was just discussed

*...if viewing a recording, can ask  
general questions by emailing  
[arl.gotowebinar@noaa.gov](mailto:arl.gotowebinar@noaa.gov)*



- Ask questions about HYSPLIT and the Tutorial in the HYSPLIT Forum



**HYSPLIT Forum: [hysplitbbs.arl.noaa.gov](http://hysplitbbs.arl.noaa.gov)**  
A Forum for HYSPLIT Dispersion Model Users to Communicate Questions, Problems, and Ideas for Upgrades, etc.

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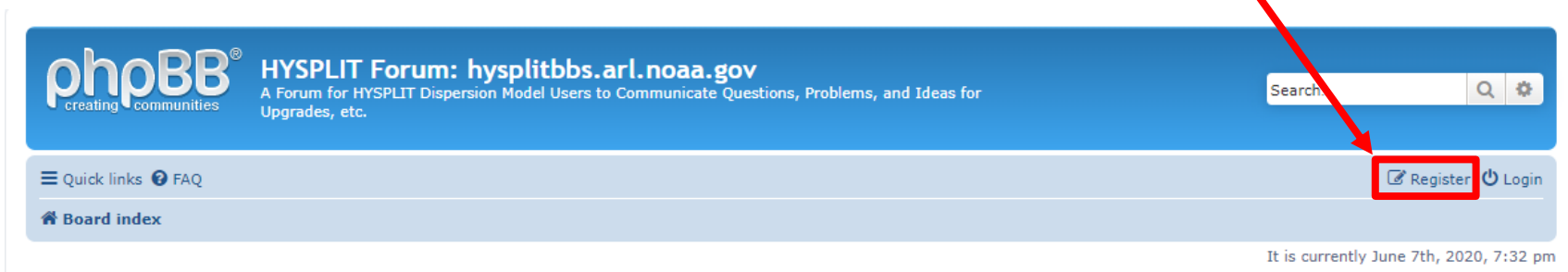
2020 HYSPLIT Workshop Questions

Mark subforums read

FORUM	TOPICS	POSTS	LAST POST
 <b>Installation</b> Post questions about HYSPLIT installation.	1	3	<b>? Re: Failure in unzipping the ...</b> by <a href="#">sonny.zinn</a> June 3rd, 2020, 10:33 am
 <b>Rehearsal</b> This forum will be used by the ARL staff during rehearsals. All posts under this forum will be deleted after the rehearsals.	0	0	No posts

# Asking Questions

If you have not already registered  
for the HYSPLIT Forum, you can  
do so easily by clicking on the  
“Register” icon at  
<https://hysplitbbs.arl.noaa.gov/>



The screenshot shows the top of the HYSPLIT Forum website. The header is blue and contains the phpBB logo, the forum name "HYSPLIT Forum: hysplitbbs.arl.noaa.gov", and a search bar. Below the header is a light blue navigation bar with links for "Quick links", "FAQ", "Board index", "Register", and "Login". The "Register" link is highlighted with a red box, and a red arrow points to it from the text above.

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**HYSPLIT Forum: hysplitbbs.arl.noaa.gov**  
A Forum for HYSPLIT Dispersion Model Users to Communicate Questions, Problems, and Ideas for Upgrades, etc.

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

Board index

Register Login


It is currently June 7th, 2020, 7:32 pm

# Asking Questions


**HYSPLIT Forum: [hysplitbbs.arl.noaa.gov](https://hysplitbbs.arl.noaa.gov)**  
 A Forum for HYSPLIT Dispersion Model Users to Communicate Questions, Problems, and Ideas for Upgrades, etc.





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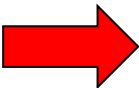
It is currently June 18th, 2020, 6:36 pm
 Last visit was: June 16th, 2020, 10:13 am


[Mark forums read](#)

HYSPLIT	TOPICS	POSTS	LAST POST
 <b>Users</b> General questions and postings pertaining to the use of HYSPLIT regardless of the platform. For platform specific questions, use the HYSPLIT Platform forums.	190	715	<b>Re: Meteorological Data</b> by <a href="#">barbara.stunder</a> May 26th, 2020, 8:52 am
 <b>Developers</b> Questions and postings pertaining to the development of HYSPLIT, feature enhancements, and HYSPLIT internals. HYSPLIT source code and algorithms are discussed here.	19	70	<b>Trying to Recreate This image</b> by munleyj May 11th, 2020, 9:48 am
 <b>Bugs</b> Post any defects you find in the HYSPLIT software here. The HYSPLIT Developers carefully monitor this list and will work diligently to repair any reported problems. When posting a bug report, please specify both the HYSPLIT version and operating system you are using.	42	145	<b>Re: question about DATEM form...</b> by lida May 18th, 2020, 9:37 pm
 <b>Announce</b> Announcements pertaining to HYSPLIT, training materials, dispersion related jobs or research positions, or related software. This list is moderated and will not be used for any discussion.	25	47	<b>Re: TAPPAS</b> by <a href="#">alicecc</a> January 27th, 2020, 12:26 pm




 in the atmosphere. This section is also to facilitate collaborations between researchers involved in chemical transport and dispersion.			January 22nd, 2020, 3:55 am
 <b>Radiological</b> Post questions, comments and links to research (research papers, web sites, etc) involving HYSPLIT and radiological nuclides. This section is also to facilitate collaborations between researchers involved in radiological nuclide transport and dispersion.	12	38	<b>Re: Fukushima Calculation</b> by <a href="#">ariel.stein</a> September 20th, 2018, 9:25 am
 <b>Cluster Analysis</b> Topics about the trajectory clustering program for HYSPLIT.	31	133	<b>Re: Generate cluster trajecto...</b> by <a href="#">barbara.stunder</a> August 26th, 2019, 7:35 am



FORUM	TOPICS	POSTS	LAST POST
 <b>HYSPLIT Workshop</b>	17	34	<b>? Re: Moderator test</b> by <a href="#">alicecc</a> June 12th, 2020, 11:30 am

# Asking Questions



**HYSPLIT Forum: [hysplitbbs.arl.noaa.gov](https://hysplitbbs.arl.noaa.gov)**  
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


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














## HYSPLIT Workshop

Mark subforums read

FORUM	TOPICS	POSTS	LAST POST
 <b>2020 HYSPLIT Workshop Questions</b> Questions for the upcoming 2020 Online HYSPLIT Workshop.	6	11	<b>? Re: Moderator test</b> by <a href="#">alicec</a>  June 12th, 2020, 11:30 am
 <b>2019 HYSPLIT Workshop Questions</b> During the four weeks of the 2019 HYSPLIT Workshop, users will be able to post questions on the week's topics to this Forum and model developers will try to answer them as soon as possible.	3	5	<b>Re: Depositions calculated wi...</b> by <a href="#">ariel.stein</a>  June 17th, 2019, 3:58 pm

[New Topic](#)


Mark topics read • 8 topics • Page 1 of 1

TOPICS	REPLIES	VIEWS	LAST POST
 <b>Open slots?</b> by <a href="#">tomr</a> » May 28th, 2020, 11:25 am	1	38	by <a href="#">sonny.zinn</a>  May 29th, 2020, 11:41 am
 <b>Is there any plan of tutorial or workshop in 2020?</b> by <a href="#">lida</a> » December 3rd, 2019, 3:37 am	3	1034	by <a href="#">McP82</a>  December 27th, 2019, 9:19 am
 <b>HYSPLIT Workshop in Huelva, Spain, 7-9 October, 2019</b> by <a href="#">glenn.rolph</a> » September 16th, 2019, 2:22 pm	2	2243	by <a href="#">McP82</a>  December 27th, 2019, 9:18 am
 <b>2019 HYSPLIT Workshop</b> by <a href="#">glenn.rolph</a> » February 28th, 2019, 12:08 pm	1	1644	by <a href="#">glenn.rolph</a>  April 8th, 2019, 2:27 pm
 <b>HYSPLIT Tutorial Videos</b> by <a href="#">glenn.rolph</a> » April 17th, 2018, 8:58 am	0	3825	by <a href="#">glenn.rolph</a>  April 17th, 2018, 8:58 am
 <b>2018 HYSPLIT workshop in Europe</b> by <a href="#">ariel.stein</a> » February 1st, 2018, 5:31 pm	0	3286	by <a href="#">ariel.stein</a>  February 1st, 2018, 5:31 pm
 <b>2017 HYSPLIT Workshop</b> by <a href="#">glenn.rolph</a> » March 16th, 2017, 8:28 am	2	4044	by <a href="#">glenn.rolph</a>  October 19th, 2017, 11:27 am
 <b>2016 PC HYSPLIT Workshop</b> by <a href="#">glenn.rolph</a> » February 18th, 2016, 2:09 pm	1	4086	by <a href="#">glenn.rolph</a>  March 15th, 2016, 11:43 am

# Asking Questions

<https://hysplitbbs.arl.noaa.gov/viewforum.php?f=36>

You can  
post your  
question in  
the  
appropriate  
section,  
based on  
where in  
the Tutorial  
your  
question  
refers to.



**HYSPLIT Forum: [hysplitbbs.arl.noaa.gov](https://hysplitbbs.arl.noaa.gov)**  
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
















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## 2020 HYSPLIT Workshop Questions

Mark subforums read

FORUM	TOPICS	POSTS	LAST POST
 <b>Rehearsal</b> This forum will be used by the ARL staff during rehearsals. All posts under this forum will be deleted after the rehearsals.	1	2	<b>Re: Moderator test</b> by <a href="#">alicec</a>  June 12th, 2020, 11:30 am
 <b>1. Installing HYSPLIT</b> Post questions about HYSPLIT installation.	4	8	<b>? Re: Failure in unzipping the ...</b> by <a href="#">sonny.zinn</a>  June 9th, 2020, 1:45 pm
 <b>2. Testing the installation</b>	1	1	<b>? TOPIC_UNAPPROVED_FORUM</b>
 <b>3. Gridded meteorological data files</b>	0	0	No posts
 <b>4. Trajectory calculations</b>	0	0	No posts
 <b>5. Trajectory options</b>	0	0	No posts
 <b>6. Trajectory statistics</b>	0	0	No posts
 <b>7. Air concentration calculations</b>	0	0	No posts
 <b>8. Configuring the CAPTEX simulation</b>	0	0	No posts
 <b>9. Air concentration parameter sensitivity</b>	0	0	No posts
 <b>10. Alternate display options</b>	0	0	No posts
 <b>11. Pollutant transformations and deposition</b>	0	0	No posts
 <b>12. Air concentration uncertainty</b>	0	0	No posts
 <b>13. Source attribution methods</b>	0	0	No posts
 <b>14. Wildfire smoke and dust storms</b>	0	0	No posts
 <b>15. Radioactive pollutants and dose</b>	0	0	No posts
 <b>16. Volcanic eruptions with gravitational settling</b>	0	0	No posts
 <b>17. Custom simulations</b>	0	0	No posts

# Asking Questions

You can look to see if there already is a similar question, and if not, you can create a **New Topic**



**HYSPPLIT Forum: [hysplitbbs.arl.noaa.gov](https://hysplitbbs.arl.noaa.gov)**  
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



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
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## 1. Installing HYSPLIT

[New Topic](#)

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TOPICS	REPLIES	VIEWS	LAST POST
 <b>I cannot Run Hysplit after following the installation</b> by Cares » June 18th, 2020, 12:30 pm	1	3	by <a href="#">MarkCohen</a>  June 18th, 2020, 6:57 pm
 <b>Desktop icon Run Hysplit not working ?</b> by Claudia_Rivera » June 18th, 2020, 2:01 pm	0	0	by <a href="#">Claudia_Rivera</a>  June 18th, 2020, 2:01 pm
 <b>Failure in unzipping the contents of 'Tutorial.zip'</b> by flaviavieira » June 2nd, 2020, 10:02 am	3	300	by <a href="#">sonny.zinn</a>  June 9th, 2020, 1:45 pm
 <b>tutorial/index.html not working</b> by kschwager » May 28th, 2020, 8:58 am	1	57	by <a href="#">sonny.zinn</a>  May 29th, 2020, 11:48 am

[New Topic](#)


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# Asking Questions

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## 1. Installing HYSPLIT

POST A NEW TOPIC

Subject:

**Add your question text in this box.**

**Please avoid putting any links in your post.**

**Do not start any line with two dashes "--"**

Smilies

BBCode is ON  
[img] is ON  
[flash] is OFF  
[url] is ON  
Smilies are ON

Save draft Preview Submit

Options Attachments Poll creation

☐ Disable BBCode  
☐ Disable smilies  
☐ Do not automatically parse URLs  
☒ Attach a signature (signatures can be altered via the UCP)  
☐ Notify me when a reply is posted  
☐ Lock topic

Board index The team Members Delete all board cookies All times are UTC-04:00

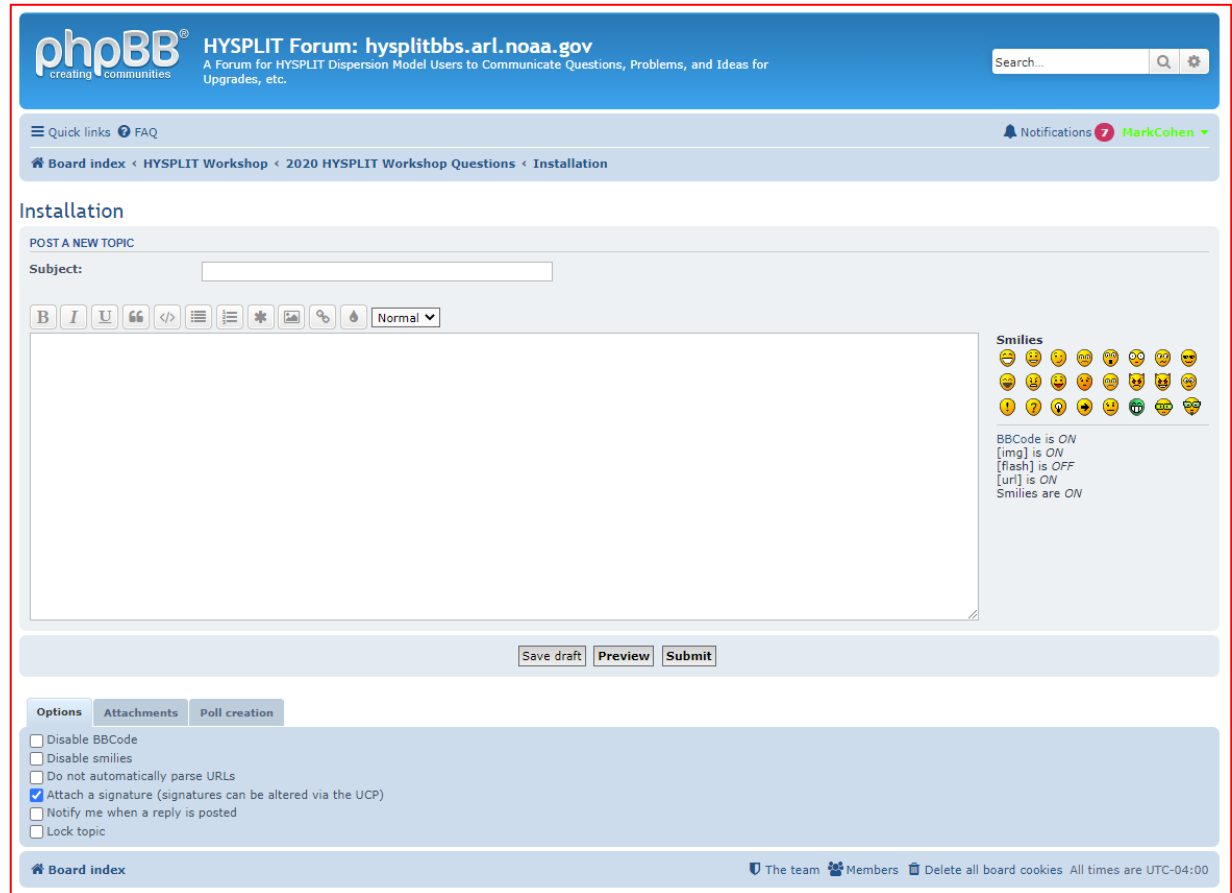
you can add attachments, e.g., one or more screen shots, and/or a CONTROL file and/or a SETUP.CFG file

Once you submit your post, it can be approved and then answered by ARL staff



# Asking Questions

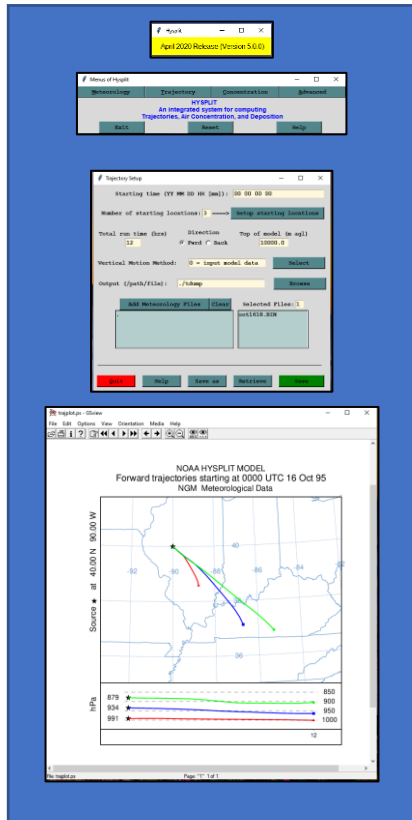
- You can ask more detailed questions, e.g., can attach screen shots
- We can provide more detailed answers
- There can be an exchange back and forth, if needed
- Can see other questions – in case you have a similar question
- We can give you a link to the answer to a similar question
- Accessible to people just viewing the recordings



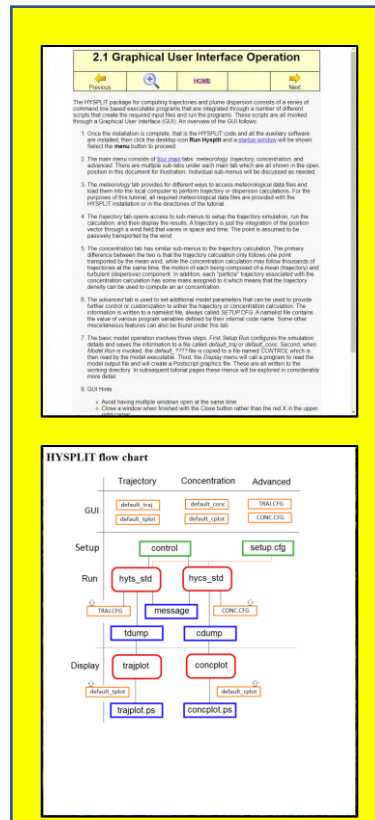
The screenshot shows the phpBB forum interface for HYSPLIT. The header includes the forum name 'HYSPLIT Forum: hysplitbbs.arl.noaa.gov' and a search bar. The breadcrumb trail indicates the current location: 'Board index > HYSPLIT Workshop > 2020 HYSPLIT Workshop Questions > Installation'. The main content area is titled 'Installation' and features a 'POST A NEW TOPIC' section with a 'Subject:' input field and a rich text editor with various formatting tools. To the right of the editor is a 'Smilies' section displaying various emoticons and a status list for forum features like BBCode, [img], [flash], [url], and Smilies, all of which are currently 'ON'. Below the editor are buttons for 'Save draft', 'Preview', and 'Submit'. At the bottom, there is an 'Options' section with checkboxes for 'Disable BBCode', 'Disable smilies', 'Do not automatically parse URLs', 'Attach a signature' (which is checked), 'Notify me when a reply is posted', and 'Lock topic'. The footer contains a 'Board index' link and a copyright notice for 'The team'.

# Screen Considerations

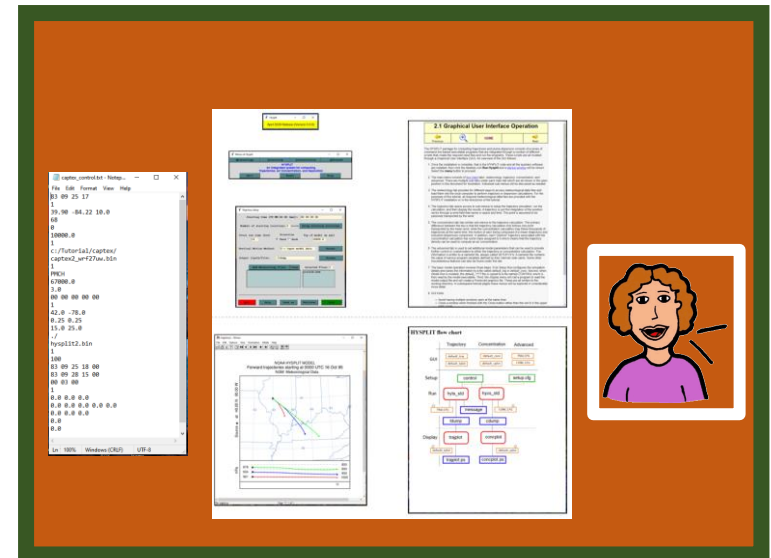
Screen area devoted to your *own* hands-on HYSPLIT modeling



Screen area devoted to your *own* viewing of Tutorial



Screen area devoted to viewing the Webinar



*We recommend that a 2nd screen be used, if this is possible, e.g., to display the Workshop Webinar video. In this way, the participant can carry out their hands-on HYSPLIT work, in conjunction with the Workshop, and still conveniently view the ongoing, associated instructions.*

# Recordings

Access recordings from the Workshop Web Page:  
[https://www.ready.noaa.gov/register/HYSPLIT\\_hyagenda.php](https://www.ready.noaa.gov/register/HYSPLIT_hyagenda.php)

- ❑ Recordings of each day's on-line sessions are being created, *but processing takes significant time (~8+ hours after a day's session ends)*
- ❑ Two identical versions:
  - [HYSPLIT Workshop Channel](#) (hosted by Go-to-Webinar)
    - These versions *may* be available before identical versions below
    - Click Video > Go-to-Webinar registration > Enter name & email > View video
  - [Workshop Web Page](#) – once the video is posted on our site, the corresponding item in the list below will turn into a link you can click to view
    - [Day 1 video recording](#)
    - Placeholder for Day 2 video recording
    - Placeholder for Day 3 video recording
    - Placeholder for Day 4 video recording

# Recordings

## HYSPLIT Workshop Channel

hosted by Go-to-Webinar

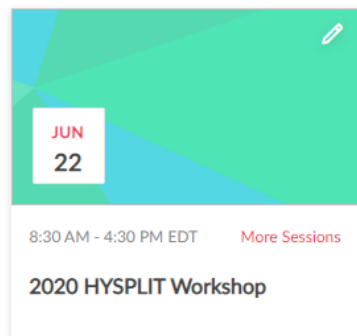
### HYSPLIT Workshop

Recordings from each day of the Online 2020 HYSPLIT Workshop, held June 22-25, 2020.

Share this page



### Live / Upcoming



While video is processing, it will show up in “Live/Upcoming” section. It cannot be viewed yet.

### Recently Added



Once it is ready for viewing, it will show up in “Recently Added” section.

# Virtual Posters

Access posters from the Workshop Web Page:  
[https://www.ready.noaa.gov/register/HYSPLIT\\_hyagenda.php](https://www.ready.noaa.gov/register/HYSPLIT_hyagenda.php)

- ❑ Ryan, R., K. Kelleher, N. Murphy, and C. Burbidge, 2020: The use of HYSPLIT by the Environmental Protection Agency (Ireland) to predict the transportation of smoke and Cs-137 from wildfires near the Chernobyl Nuclear Power Plant.
- ❑ Ionov, D., 2020: Application of HYSPLIT to simulate urban pollution plume generated by the megacity of St. Petersburg, Russia.
- ❑ Baraldo, F. and Coauthors, 2020: PM 2.5 chemical composition in Buenos Aires by an ensemble of analytical techniques.
- ❑ Diemoz, H., T. Magri, G. Pession, C. Tarricone, I. Tombolato, and M. Zublena, 2020: Applications of backtrajectory analyses at the Alpine site of Aosta, Italy.
- ❑ Preciado, M., E. Solarte, A. Pena, and C. Galindez, 2020: Monitoring the behavior of atmospheric aerosols during a biomass burning event.

Thanks to the

**IT Team** and the **HYSPLIT Team**

of the NOAA Air Resources Laboratory  
for providing behind-the-scenes support  
throughout this Workshop

*...we will try our best to answer all of your questions,  
but we ask for your patience, as there are 100's of  
people in this Workshop and only a few of us...*

Course Instructor

**Roland Draxler**

NOAA Air Resources  
Laboratory (retired)



# Day 1 – Wrap Up

- ❑ Recordings will take significant time to process – maybe 8+ hours or more from when this session ends.
- ❑ Information on viewing the videos is on the Workshop Web Page, and in the Handout *Workshop\_Intro\_Day\_01.pdf*
- ❑ A lot of you have asked if the presentation that Roland has been using will be available, and we will make it available, e.g., as a Handout tomorrow, and a link on the Workshop Web Page.
- ❑ Workshop guidance and resources posted at [Workshop Web Page](#)

`https://www.ready.noaa.gov/register/HYSPLIT\_hyagenda.php`




# Day 1 – Wrap Up

- ❑ Please ask general questions about the Webinar or Go-to-Webinar in the Control Panel, **but ask HYSPLIT questions in the HYSPLIT Forum**
  - We have responded to a lot of questions posed in the Go-to-Webinar Q/A by asking you to post your question in the HYSPLIT Forum
  - There have not been very many questions in the Forum.
  - Instructions on how you post a question in the Forum is provided in the Handout **Workshop\_Intro\_Day\_01.pdf**
  - Please try to post your question in the corresponding part of the Forum – we have a subsection for each Tutorial Section
  - Also, if you get an answer, you can post a quick response in the thread to say it worked! (or not...)

# Asking Questions

<https://hysplitbbs.arl.noaa.gov/viewforum.php?f=36>

You can post your question in the appropriate section, based on where in the Tutorial your question refers to.



**HYSPLIT Forum: [hysplitbbs.arl.noaa.gov](https://hysplitbbs.arl.noaa.gov)**  
A Forum for HYSPLIT Dispersion Model Users to Communicate Questions, Problems, and Ideas for Upgrades, etc.





















[Quick links](#)
[FAQ](#)
[MCP](#)

Notifications **11** [MarkCohen](#)

[Board index](#) < [HYSPLIT Workshop](#) < [2020 HYSPLIT Workshop Questions](#)

## 2020 HYSPLIT Workshop Questions

[Mark subforums read](#)

FORUM	TOPICS	POSTS	LAST POST
 <b>Rehearsal</b> This forum will be used by the ARL staff during rehearsals. All posts under this forum will be deleted after the rehearsals.	1	2	<b>Re: Moderator test</b> by <a href="#">alicec</a>  June 12th, 2020, 11:30 am
 <b>1. Installing HYSPLIT</b> Post questions about HYSPLIT installation.	4	8	<b>? Re: Failure in unzipping the ...</b> by <a href="#">sonny.zinn</a>  June 9th, 2020, 1:45 pm
 <b>2. Testing the installation</b>	1	1	<b>? TOPIC_UNAPPROVED_FORUM</b>
 <b>3. Gridded meteorological data files</b>	0	0	No posts
 <b>4. Trajectory calculations</b>	0	0	No posts
 <b>5. Trajectory options</b>	0	0	No posts
 <b>6. Trajectory statistics</b>	0	0	No posts
 <b>7. Air concentration calculations</b>	0	0	No posts
 <b>8. Configuring the CAPTEX simulation</b>	0	0	No posts
 <b>9. Air concentration parameter sensitivity</b>	0	0	No posts
 <b>10. Alternate display options</b>	0	0	No posts
 <b>11. Pollutant transformations and deposition</b>	0	0	No posts
 <b>12. Air concentration uncertainty</b>	0	0	No posts
 <b>13. Source attribution methods</b>	0	0	No posts
 <b>14. Wildfire smoke and dust storms</b>	0	0	No posts
 <b>15. Radioactive pollutants and dose</b>	0	0	No posts
 <b>16. Volcanic eruptions with gravitational settling</b>	0	0	No posts
 <b>17. Custom simulations</b>	0	0	No posts

# Day 1 – Wrap Up

## Why are we asking you to use the HYSPLIT Forum?

- You can ask detailed questions, and can attach screen shots, CONTROL files, etc.
- We can provide more detailed answers
- There can be an exchange back and forth, if needed
- Can see other questions – in case you have a similar question
- We can give you a link to the answer to a similar question
- Accessible to people just viewing the recordings
- Moving forward, as someone in the HYSPLIT user community, we really want you to use the Forum for questions. If someone emails us a question, and we answer it, it only helps that one person. But if the question is asked and answered in the Forum, it can help many

# Day 1 – Wrap Up

- ❑ Yes, we know it is going fast, and might seem too fast for some
  - Normally we give Roland the slowest computer possible, but...
  - It *is* hard to listen, watch, and do your own hand's on modeling
  - At some points, ok to watch as “demo” and then you can go back and do sections of Tutorial on your own; the Tutorial is designed to be done independently, and self-paced, so this is ok
  - What you are getting, though, in this Workshop, different from doing the Tutorial on your own, are Roland's insights and guidance. So in some cases, might be best to listen and watch, rather than get too far behind?
  - Also, we are making daily recordings, and you can watch these once they are ready, and you can pause them when you need to catch up

# Day 1 – Wrap Up

UTC	EDT	Agenda Item
12:30 – 12:45	08:30 – 08:45	Introduction and logistics
12:45 – 13:30	08:45 – 09:30	1. Installing HYSPLIT
13:30 – 14:15	09:30 – 10:15	2. Testing the installation
14:15 – 14:30	10:15 – 10:30	Break
14:30 – 15:15	10:30 – 11:15	3. Gridded meteorological data sets
15:15 – 16:00	11:15 – 12:00	4. Trajectory calculations
16:00 – 17:00	12:00 – 13:00	Break
17:00 – 17:45	13:00 – 13:45	4. Trajectory calculations (continued)
17:45 – 19:00	13:45 – 15:00	5. Trajectory options
19:00 – 19:15	15:00 – 15:15	Break
19:15 – 20:20	15:15 – 16:20	6. Trajectory statistics
20:20 – 20:30	16:20 – 16:30	First day wrap-up / questions

Note: all times are approximate

# Agenda – Day 2

UTC	EDT	Agenda Item
12:30 – 12:45	08:30 – 08:45	Comments / questions from previous day
12:45 – 14:15	08:45 – 10:15	7. Air Concentration Calculations
14:15 – 14:30	10:15 – 10:30	Break
14:30 – 15:30	10:30 – 11:30	8. Configuring the CAPTEX simulation
15:30 – 16:30	11:30 – 12:30	Break
16:30 – 17:00	12:30 – 13:00	8. Configuring the CAPTEX simulation (continued)
17:00 – 18:30	13:00 – 14:30	9. Air Concentration Parameter Sensitivity
18:30 – 18:45	14:30 – 14:45	Break
18:45 – 19:30	14:45 – 15:30	10. Alternate Display Options
19:30 – 20:20	15:30 – 16:20	11. Pollutant Transformations and deposition <i>(start this section if time permits)</i>
20:20 – 20:30	16:20 – 16:30	Second day wrap-up / questions

Note: all times are approximate